IN THE DRAWINGS:

There are no requested corrections or amendments to the Drawings.

REMARKS

The Examiner has rejected Claims 1-4 and 6 pursuant to 35 U.S.C. § 103(a) as being unpatentable for obviousness over U.S. Patent 4,845,652 [Bunsen]. The Examiner is equating the disclosure of Bunsen, with all of the various formulas, lists of formulas, variables, etc., as being capable of the calculation and temporary storage steps of the present invention. Applicant respectfully traverses the stated rejection based upon the comparison and substantive differences between the reference and the invention more fully set forth below. In summary, Claim 1 has been amended to more accurately describe the method steps of the invention and Claims 2, 4 have been cancelled and incorporated in substantial part into amended Claim 1.

The Examiner has also rejected Claim 5 pursuant to 35 U.S.C. § 103(a) as being unpatentable for obviousness from the purported combination of Bunsen with either U.S. Patent 5,138,566 [Comforti] or U.S. Patent 5,050,115 [Matsuda, et al.]. The Examiner rejects this claim based upon the common usage of conversions between measuring systems in calculators. Applicant respectfully traverses the stated rejections for the following reasons.

Bunsen describes a series of steps by which a user can input an arithmetic formula into a hand-held calculator and achieve a solution to the formula. The formula can be entered and immediately solved, or it can be stored in a list and recalled by reviewing the listed (stored) formulas by name or displayed formula, and then be selected for solving. Variables can be either stored for later recall in solving a selected formula, or entered as required. What Bunsen does not provide is the instant recall of the formula by a pre-designated corresponding function key as called for in the present invention, and now recited in amended Claim 1. Further, Bunsen does not provide temporary storage of calculated solutions of the formulas for later

recall and use as does the present invention, or the information display of a special character to indicate to the user that a related numerical result from a prior calculation is useable in the present function calculation. These steps are all called for affirmatively in amended Claim 1 and, after a detailed reading of Bunsen, cannot be discerned as even being suggested by the very specific description afforded by that patent reference. Thus, Bunsen does not disclose, suggest or teach the various method steps of the present invention such that the invention must be deemed patentable in view of only this single reference.

The claims have been amended to more accurately describe the calculation method and to include the limitations of now cancelled Claims 2 and 4 in substantial part into Claim 1. Claim 1 now recites the affirmative pre-selection and storing of a number of specialized function calculations useful in the machinist's trade that are actuated by a single key rather than selected from a formula listing that is required to be previously inputted by, and then selected by the user as required by Bunsen. Further, the present invention provides for the temporary storage in memory and recall by the user of related and/or required numerical information from a previous calculation that is to be used in a subsequent calculation that Bunsen does not. Still further, Bunsen does not provide for a special character to be displayed for the user indicating that previously calculated and store numerical information can be used in the present calculation. Bunsen does not so describe, teach or suggest such method steps for use in calculating any result.

Claim 5, which recites a conversion from different dimensional measurements, is allowable based upon an allowable base claim, independent Claim 1. The same is true for retained Claims 3 and 6. In view of these amendments, Applicant submits that Claim 1 recites

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a novel combination of steps functioning in a novel and non-obvious manner for the method of determining the specialized function calculation results.
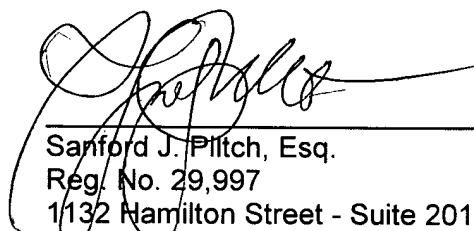
For the reasons set forth above, entry of each of the amendments is respectfully requested. In view of the amendments and the foregoing argument concerning the correctness and applicability of the grounds of rejection set forth by the Examiner in the most recent Office Action favorable reconsideration of this application and an early NOTICE OF ALLOWANCE is earnestly solicited.

Respectfully submitted,

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DATE: **December 24, 2004**

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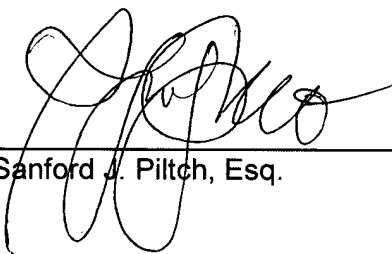
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                                               Sanford J. Piltch, Esq.